IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (currently amended): A filter for the purification of an exhaust gas, comprising:

a porous ceramic carrier having a partition wall portion and a plurality of through-holes, the through-holes extending in a longitudinal direction of the porous ceramic carrier, the partition wall portion partitioning the through-holes and being configured to filter particulates in an exhaust gas; and

a catalyst coat layer provided in the partition wall portion of the porous ceramic carrier and comprising at least one oxide ceramic and a catalyst active component, the catalyst coat layer further comprising ~~a first substance having a thermal conductivity higher than the oxide ceramic,~~ a ~~second~~ substance having a refractive index larger than a refractive index of the oxide ceramic, or a colored pigment,

wherein the porous ceramic carrier has a porosity of 40-80% and a thermal conductivity of a filter body comprising the porous ceramic carrier and the catalyst coat layer is set to be 0.3-60 W/mk.

Claim 2 (original): A filter for the purification of an exhaust gas according to claim 1, wherein the thermal conductivity of the filter is 3-60 W/mk.

Claim 3 (previously presented): A filter for the purification of an exhaust gas according to claim 1 or 2, wherein the at least one oxide ceramic comprises at least one ceramic selected from the group consisting of alumina, titania, zirconia and silica.

Claim 4 (canceled)

Claim 5 (previously presented): A filter for the purification of an exhaust gas according to claim 1 or 2, wherein the catalyst active component comprises at least one

catalyst selected from the group consisting of a noble metal, an alkali metal, an alkaline earth metal and a rare earth oxide.

Claim 6 (previously presented): A filter for the purification of an exhaust gas according to claim 1 or 2, wherein the porous ceramic carrier comprises at least one ceramic selected from the group consisting of silicon carbide, silicon nitride, cordierite, mullite, sialon, silica, aluminum titanate, lithium aluminum silicate (LAS) and zirconium phosphate.

Claim 7 (canceled)

Claim 8 (previously presented): A filter for the purification of an exhaust gas according to claim 1, wherein the thermal conductivity is set to be 0.3-3 W/mk.

Claim 9 (currently amended): A filter for the purification of an exhaust gas according to claim 1, wherein the ~~second~~ substance comprises at least one substance having a refractive index of not less than 1.4 and selected from the group consisting of TiO_2, $BaTiO_3$, PbS, Fe_2O_3, $CoCO_3$ and MnO_2.

Claim 10 (previously presented): A filter for the purification of an exhaust gas according to claim 1, wherein the catalyst coat layer further comprises inorganic powder having a peak in a portion that a reflectance against an electromagnetic wave of not less than 10 μm is not less than 70%.

Claim 11 (previously presented): A filter for the purification of an exhaust gas according to claim 8, wherein the colored pigment is compounded so that a brightness of the catalyst coat layer as a whole is not more than 8.

Claim 12 (previously presented): A filter for the purification of an exhaust gas according to claim 1, wherein the colored pigment is at least one inorganic metal selected from the group consisting of iron oxide, copper oxide and a cobalt compound of $CoO \cdot nAl_2O_3$ or $Co_3(PO_4)_2$.

Claims 13-15 (canceled)